



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL
Washington State Energy Code Development
Standard Energy Code Proposal Form

Log No. 089

Code being amended: ☐ Commercial Provisions ☒ Residential Provisions

Code Section # R403.5.1

Brief Description:

This proposal aligns the maximum allowed leakage rate for both compliance paths per R401.2 to 0.30 ACH. The allowed leakage rate for multifamily buildings with dwelling units accessed from the outdoors is lowered by a corresponding amount.

This proposal also requires multifamily buildings with dwelling units accessed from the outdoors to comply with the same requirements as commercial.

Purpose of code change:

Improve building air leakage performance.

Your amendment must meet one of the following criteria. Select at least one:

- | | |
|--|---|
| <input type="checkbox"/> Addresses a critical life/safety need. | <input type="checkbox"/> Consistency with state or federal regulations. |
| <input type="checkbox"/> The amendment clarifies the intent or application of the code. | <input type="checkbox"/> Addresses a unique character of the state. |
| <input checked="" type="checkbox"/> Addresses a specific state policy or statute. (Note that energy conservation is a state policy) | <input type="checkbox"/> Corrects errors and omissions. |

Check the building types that would be impacted by your code change:

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Single family/duplex/townhome | <input type="checkbox"/> Multi-family 4 + stories | <input type="checkbox"/> Institutional |
| <input checked="" type="checkbox"/> Multi-family 1 – 3 stories | <input type="checkbox"/> Commercial / Retail | <input type="checkbox"/> Industrial |

| | | | |
|--------------------|---|---------------|-----------------------------|
| Your name | Lisa Rosenow | Email address | lrosenow@evergreen-tech.net |
| Your organization | Evergreen Technology Consulting | Phone number | 360-539-5202 |
| Other contact name | Click here to enter text. | | |

Economic Impact Data Sheet

Is there an economic impact: ☒ Yes ☐ No

Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants, and businesses. If you answered "No" above, explain your reasoning.

Reduces energy consumption in buildings by reducing heat loss. Although the testing criteria is more stringent, the cost of the actual test does not change.

Provide your best estimate of the **construction cost** (or cost savings) of your code change proposal? (See OFM Life Cycle Cost [Analysis tool](#) and [Instructions](#); use these [Inputs](#). **Webinars on the tool can be found [Here](#) and [Here](#)**)

Minimal to no cost delta for testing

\$[Click here to enter text.](#)/square foot (For residential projects, also provide \$[Click here to enter text.](#)/ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

Provide your best estimate of the **annual energy savings** (or additional energy use) for your code change proposal?

[Click here to enter text.](#)KWH/ square foot (or) [Click here to enter text.](#)KBTU/ square foot

(For residential projects, also provide [Click here to enter text.](#)KWH/KBTU / dwelling unit)

Show calculations here, and list sources for energy savings estimates, or attach backup data pages

List any **code enforcement** time for additional plan review or inspections that your proposal will require, in hours per permit application:

No additional enforcement time required.

Small Business Impact. Describe economic impacts to small businesses:

Does not change the cost of performing a test.

Housing Affordability. Describe economic impacts on housing affordability:

Does not change housing affordability.

Other. Describe other qualitative cost and benefits to owners, to occupants, to the public, to the environment, and to other stakeholders that have not yet been discussed: